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OM protein - protein search, using sw model

Run on: September 4, 2002, 16:11:00 ; Search time 99.82 Seconds
(without alignments)
53.833 Million cell updates/sec

Title: US-09-052-089a-4
Sequence: 1 KTIINKLFFDLAQEEENVLD.....DLQSDQETISLRKSDPP 220

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1075	100.0	220	US-09-052-089a-4	Sequence 4, Appli
2	1075	100.0	470	US-09-052-089a-2	Sequence 2, Appli
3	920	85.6	469	US-08-968-751-2	Sequence 2, Appli
4	906	84.3	220	US-09-052-089a-3	Sequence 3, Appli
5	906	84.3	469	US-09-052-089a-1	Sequence 1, Appli
6	171	15.9	2482	US-08-328-254-6	Sequence 6, Appli
7	171	15.9	3248	US-08-353-700-1	Sequence 1, Appli
8	171	15.9	3248	PCT-US95-16216-1	Sequence 1, Appli
9	168	15.6	576	US-08-533-306a-2	Sequence 2, Appli
10	168	15.6	576	US-08-742-923a-2	Sequence 2, Appli
11	168	15.6	816	US-08-533-306a-6	Sequence 6, Appli
12	168	15.6	816	US-08-742-923a-6	Sequence 6, Appli
13	168	15.6	885	US-08-533-306a-4	Sequence 4, Appli
14	168	15.6	885	US-08-742-923a-4	Sequence 4, Appli
15	154	14.3	896	US-08-095-737-2	Sequence 2, Appli
16	154	14.3	896	US-08-480-145-2	Sequence 2, Appli
17	154	14.3	896	US-08-477-389-2	Sequence 2, Appli
18	153	14.2	414	PCT-US93-03077-3	Sequence 3, Appli
19	153	14.2	1093	PCT-US93-03077-1	Sequence 1, Appli
20	151.5	14.1	1090	US-09-085-199b-5	Sequence 5, Appli
21	150.5	14.0	914	US-09-085-199b-4	Sequence 4, Appli
22	150	14.0	976	US-09-104-324b-4	Sequence 4, Appli
23	146.5	13.6	443	US-08-795-475-6	Sequence 6, Appli
24	146	13.6	1939	US-09-310-187a-1	Sequence 1, Appli
25	144	13.4	2101	US-08-466-390-4	Sequence 4, Appli
26	144	13.4	2101	US-08-470-950-4	Sequence 4, Appli
27	144	13.4	2101	US-08-467-781-4	Sequence 4, Appli

28	144	13.4	2101	US-08-195-487-4	Sequence 4, Appli
29	144	13.4	2101	US-08-483-924-4	Sequence 4, Appli
30	144	13.4	2101	US-09-452-294-1	Sequence 1, Appli
31	144	13.4	2101	PCT-US93-06160-4	Sequence 4, Appli
32	143	13.3	1886	US-08-938-105-3	Sequence 3, Appli
33	142	13.2	1388	US-08-685-576-4	Sequence 4, Appli
34	140.5	13.1	386	US-09-085-199b-2	Sequence 2, Appli
35	140	13.0	1388	US-09-572-191-2	Sequence 2, Appli
36	139	12.9	316	US-08-098-327E-31	Sequence 31, Appli
37	139	12.9	316	US-08-462-625-31	Sequence 31, Appli
38	138	12.8	897	US-08-095-737-4	Sequence 4, Appli
39	138	12.8	897	US-08-480-145-4	Sequence 4, Appli
40	138	12.8	897	US-08-477-389-4	Sequence 4, Appli
41	138	12.8	1388	US-08-685-576-1	Sequence 1, Appli
42	135	12.6	712	US-08-468-576b-17	Sequence 17, Appli
43	135	12.6	712	US-08-468-579b-17	Sequence 17, Appli
44	135	12.6	712	US-08-468-577b-17	Sequence 17, Appli
45	131.5	12.2	376	5180810-1	Patent No. 5180810

ALIGNMENTS

RESULT 1
US-09-052-089a-4
Sequence 4, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 220 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
ORGANISM: mouse
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-052-089a-4
Query Match 100.0%; Score 1075; DB 4; Length 220;

Best Local Similarity 100.0%; Pred. No. 2,1e-83;
Matches 220; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 60
DB 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 60
OY 61 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 120
DB 61 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 120
OY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKLDVSSRSK 180
DB 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKLDVSSRSK 180
OY 181 LKTLNTELDQAKLELRSAQKDLQSDQETISLRKSDPP 220
DB 181 LKTLNTELDQAKLELRSAQKDLQSDQETISLRKSDPP 220

RESULT 2

US-09-052-089A-2
Sequence 2, Application US/09052089A
Patent No. 6346605

GENERAL INFORMATION:

APPLICANT: Lee, Soo Y.

Choi, Yongwon

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/052,089A

FILING DATE: 31-Mar-1998

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 470 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

ORGANISM: mouse

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Query Match 100.0%; Score 1075; DB 4; Length 470;
Best Local Similarity 100.0%; Pred. No. 5.3e-83;
Matches 220; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 60
DB 56 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 115
OY 61 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 120
DB 116 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 175
OY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKLDVSSRSK 180
DB 176 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKLDVSSRSK 235
OY 181 LKTLNTELDQAKLELRSAQKDLQSDQETISLRKSDPP 220
DB 226 LKTLNTELDQAKLELRSAQKDLQSDQETISLRKSDPP 275

RESULT 3

US-08-968-751-2
Sequence 2, Application US/08968751
Patent No. 5948643

GENERAL INFORMATION:

APPLICANT: Rubinfield, Bonnie

APPLICANT: Polakis, Paul G.

APPLICANT: Ligenfelter, Carol

APPLICANT: Vuong, Terilyn T.

TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: ONYX Pharmaceuticals, Inc.
STREET: 3031 Research Drive

CITY: Richmond

STATE: CA

COUNTRY: USA

ZIP: 94806

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/968,751

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Giotta, Gregory

REGISTRATION NUMBER: 32,028

REFERENCE/DOCKET NUMBER: ONYX1024 GG

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 262-8710

TELEFAX: (510) 222-9758

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 469 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-968-751-2

Query Match 85.6%; Score 920; DB 2; Length 469;
Best Local Similarity 87.0%; Pred. No. 5.7e-70;
Matches 187; Conservative 18; Mismatches 10; Indels 0; Gaps 0;

OY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 60
DB 56 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSOKDREKRSQAIIIDTLRDTLEERN 115
OY 61 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 120
DB 116 ATVESLQNALNKAEMLCSTLKKOMKFLERQRODETKQAREEARHLCKCKMTMEQIELLQS 175
OY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKLDVSSRSK 180

Db 176 QRPVEEMIRMGVAGSADVEQLAYCVSLKKEYENLKEARKASGEVADKLKDLFSSRSK 235
QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETSLRK 215
Db 236 LQTVYSELDOAKLELKSQKDLQSDQKDEIMSLKK 270

RESULT 4

US-09-052-089A-3
; Sequence 3, Application US/09052089A
; Patent No. 6346605
; GENERAL INFORMATION:
; APPLICANT: Lee, Soo Y.
; Chai, Yongwon
; TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNP RECEPTOR SUPER
; FAMILY, AND USES THEREOF
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/052,089A
; FILING DATE: 31-Mar-1998
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 220 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: Internal
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-052-089A-3

Query Match 84.3%; Score 906; DB 4; Length 220;
Best Local Similarity 86.0%; Pred. No. 3.5e-69;

Matches 185; Conservative 18; Mismatches 12; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSQDKREKRSQAIITDILRLTLEERN 60
Db 1 RTIINKLFFDLAEEENVLDAEFLKNELDVRAQLSQDKREKRSQAVIITDILRLTLEERN 60
QY 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKCKMKTMEQIETLLQS 120
Db 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKCKMKTMEQIETLLQS 120
QY 121 QRPVEEMIRMGVAGSADVEQLAYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180
Db 121 QRPVEEMIRMGVAGSADVEQLAYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180

QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETSLRK 215
Db 181 LQTVYSELDOAKLELKSQKDLQSDQKDEIMSLKK 215

RESULT 5

US-09-052-089A-1
; Sequence 1, Application US/09052089A
; Patent No. 6346605
; GENERAL INFORMATION:
; APPLICANT: Lee, Soo Y.
; Chai, Yongwon
; TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNP RECEPTOR SUPER
; FAMILY, AND USES THEREOF
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/052,089A
; FILING DATE: 31-Mar-1998
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 469 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-052-089A-1

Query Match 84.3%; Score 906; DB 4; Length 469;
Best Local Similarity 86.0%; Pred. No. 8.6e-69;

Matches 185; Conservative 18; Mismatches 12; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSQDKREKRSQAIITDILRLTLEERN 60
Db 56 RTIINKLFFDLAEEENVLDAEFLKNELDVRAQLSQDKREKRSQAVIITDILRLTLEERN 115
QY 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKCKMKTMEQIETLLQS 120
Db 116 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKCKMKTMEQIETLLQS 175
QY 121 QRPVEEMIRMGVAGSADVEQLAYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180
Db 176 QRPVEEMIRMGVAGSADVEQLAYCVSLKKEYENLKEARKASGEVADKLKDLFSSRSK 235
QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETSLRK 215
Db 236 LQTVYSELDOAKLELKSQKDLQSDQKDEIMSLKK 270

RESULT 6

US-08-328-254-6
Sequence 6, Application US/08328254
Patent No. 5710022
GENERAL INFORMATION:
APPLICANT: Zhu, Xueliang
APPLICANT: Lee, Men-Hwa
TITLE OF INVENTION: A No. 5710022el Nuclear Mitotic Phosphoprotein
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/328,254
FILING DATE: 24-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/141,239
FILING DATE: 22-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-CJ 1191
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2482 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-328-254-6

Query Match 15.9%; Score 171; DB 1; Length 2482;
Best Local Similarity 24.3%; Pred. No. 4.2e-06;
Matches 69; Conservative 51; Mismatches 96; Indels 68; Gaps 9;
QY 1 KTIINKLFFDLAQEEEN-----VLDAPFLKNELDSVKAQL-----SQK 38
DB 1521 KDKVENLEBERLQWSEENGLVLDLDAENSKAEVETLKTQIEEMARSLKVFELDLVTLRSRK 1580
QY 39 D-----REKRDQAIIIDTLRDTL-----EERNATVESIQNALNKAEMLC 77
DB 1581 ENLTKQIQEQSQSLDKLSSFKSLSEKROAEIQIKESKTVAVEMQNLKELNNAV 1640
QY 78 STL---KROMKFLQGRD---ETKQAREEAHRLCKMKMTMQEILLQSQRS----- 124
DB 1641 AALCGDQEIWKATQESLDPPIEEHQLRNSIEKTLARLLEADEKQOLCVLQQLKESEHNAD 1700
QY 125 -----VEEMIRMGVGSQAVBQLAVYCVSLKKEYENLKEARKATGELADRLKKDLVSSRS 179
DB 1701 LKGRVENLEBERLETARTNQEHAALEAENSQGEVETLAKTEGTMQSLRGLELDVVTIRS 1760
QY 180 KLTLTNTELDQ-----AKLET--RSAQKDLQSAQDEITSLRKKS 216
DB 1761 EKENJTNLQKQERISELEIINSSFENILQEKREQKVMKKS 1804

RESULT 7
US-08-353-700-1

Sequence 1, Application US/08353700
Patent No. 5599919

GENERAL INFORMATION:
APPLICANT: TEN, TIMOTHY J.
APPLICANT: RATNER, JEROME B.
TITLE OF INVENTION: NUCLEIC ACID ENCODING A
TITLE OF INVENTION: TRANSIENTLY-EXPRESSED KINETOCHORE PROTEIN,
TITLE OF INVENTION: AND METHODS OF USE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: DANN, DOREMAN, HERRELL AND SKILLMAN
STREET: 1601 MARKET STREET, SUITE 720
CITY: PHILADELPHIA
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/353,700
FILING DATE: 09-DEC-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: REED, JANET E.
REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3248 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: HUMAN
US-08-353-700-1

Query Match 15.9%; Score 171; DB 1; Length 3248;
Best Local Similarity 24.3%; Pred. No. 5.8e-06;
Matches 69; Conservative 51; Mismatches 96; Indels 68; Gaps 9;
QY 1 KTIINKLFFDLAQEEEN-----VLDAPFLKNELDSVKAQL-----SQK 38
DB 2249 KDKVENLEBERLQWSEENGLVLDLDAENSKAEVETLKTQIEEMARSLKVFELDLVTLRSRK 2308
QY 39 D-----REKRDQAIIIDTLRDTL-----EERNATVESIQNALNKAEMLC 77
DB 2309 ENLTKQIQEQSQSLDKLSSFKSLSEKROAEIQIKESKTVAVEMQNLKELNNAV 2368
QY 78 STL---KROMKFLQGRD---ETKQAREEAHRLCKMKMTMQEILLQSQRS----- 124
DB 2369 AALCGDQEIWKATQESLDPPIEEHQLRNSIEKTLARLLEADEKQOLCVLQQLKESEHNAD 2428
QY 125 -----VEEMIRMGVGSQAVBQLAVYCVSLKKEYENLKEARKATGELADRLKKDLVSSRS 179
DB 2429 LKGRVENLEBERLETARTNQEHAALEAENSQGEVETLAKTEGTMQSLRGLELDVVTIRS 2488
QY 180 KLTLTNTELDQ-----AKLET--RSAQKDLQSAQDEITSLRKKS 216
DB 2489 EKENJTNLQKQERISELEIINSSFENILQEKREQKVMKKS 2532

RESULT 8
PCT-US95-16216-1
Sequence 1, Application PC/TUS9516216


```

; TITLE OF INVENTION: Markers for Detection of Chromosome 16
; TITLE OF INVENTION: Rearrangements
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESS: Harness, Dickey & Pierce, P.L.C.
; STREET: P.O. Box 828
; CITY: Bloomfield Hills
; STATE: MI
; COUNTRY: USA
; ZIP: 48303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,923A
; FILING DATE: No. 5869611ember 1, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Deann F.
; REGISTRATION NUMBER: 36683
; REFERENCE/DOCKET NUMBER: 2115-00869DVC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 641-1600
; TELEFAX: (810) 641-0270
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 576 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-742-923A-2

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Query Match          15.6%; Score 168; DB 2; Length 576;
Best Local Similarity 24.2%; Pred. No. 1.3e-06;
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

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```

QY 10 DLAGEENVLDAEFLKLNLSVKAQLSOK-----DREKDSQAIIIDTLRDTLEE 58
DB 326 DLMOQEDLAAERARKQADLEKELELASSLSGRNALODEKRLRLARIAQLLEELEE 385
QY 59 RNATVESIQNALNKK---AEMLC-----STLKKQMKFLQRODETKQAREEARL--- 104
DB 386 EOGNMEASDVRKATQGAEDLSNLTATERSTAOKNESARQOLEKONNELSKLHEMGA 445
QY 105 -KCKMK-TMEOIELLOSORSEVEEMIRDMGVGOSAVBOLAVYCVSLKKEYENLKEARA 162
DB 446 VKSRFKSTIALAEKIALQLEQVEQVEAREK---QAATKSLKQDKKLEIKLEILLQVEDERK- 501
QY 163 TGEIADRLKKDLVSSRSKLTNTLNLDOAKLE-----LSSAOKDLOSADO-----E 208
DB 502 --MAEQYKEQAEKGNARVAKOLKROLEBAEESORINANRRKLORELDATESNEAMGRE 558
QY 209 ITSLRKSDDPP 220
DB 559 VNALSKSLRGPP 570

```

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RESULT 11
US-08-533-306A-6
; Sequence 6, Application US/08533306A
; Patent No. 5837457
; GENERAL INFORMATION:
; APPLICANT: Liu, Pu
; APPLICANT: Collins, Francis S.
; APPLICANT: Siciliano, Michael J.
; APPLICANT: Claxton, David
; TITLE OF INVENTION: Markers for Detection of Chromosome 16
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
; STREET: P.O. Box 828
; CITY: Bloomfield Hills
; STATE: MI
; COUNTRY: USA
; ZIP: 48303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/533,306A
; FILING DATE: September 25, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Deann F.
; REGISTRATION NUMBER: 36683
; REFERENCE/DOCKET NUMBER: 2115-00869C08
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 641-1600
; TELEFAX: (810) 641-0270
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 816 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-533-306A-6

```

```

Query Match          15.6%; Score 168; DB 2; Length 816;
Best Local Similarity 24.2%; Pred. No. 2e-06;
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

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QY 10 DLAGEENVLDAEFLKLNLSVKAQLSOK-----DREKDSQAIIIDTLRDTLEE 58
DB 566 DLMOQEDLAAERARKQADLEKELELASSLSGRNALODEKRLRLARIAQLLEELEE 625
QY 59 RNATVESIQNALNKK---AEMLC-----STLKKQMKFLQRODETKQAREEARL--- 104
DB 626 EOGNMEASDVRKATQGAEDLSNLTATERSTAOKNESARQOLEKONNELSKLHEMGA 685
QY 105 -KCKMK-TMEOIELLOSORSEVEEMIRDMGVGOSAVBOLAVYCVSLKKEYENLKEARA 162
DB 666 VKSRFKSTIALAEKIALQLEQVEQVEAREK---QAATKSLKQDKKLEIKLEILLQVEDERK- 741
QY 163 TGEIADRLKKDLVSSRSKLTNTLNLDOAKLE-----LSSAOKDLOSADO-----E 208
DB 742 --MAEQYKEQAEKGNARVAKOLKROLEBAEESORINANRRKLORELDATESNEAMGRE 798
QY 209 ITSLRKSDDPP 220
DB 799 VNALSKSLRGPP 810

```

```

RESULT 12
US-08-742-923A-6
; Sequence 6, Application US/08742923A
; Patent No. 5869611
; GENERAL INFORMATION:
; APPLICANT: Liu, Pu
; APPLICANT: Collins, Francis S.
; APPLICANT: Siciliano, Michael J.
; APPLICANT: Claxton, David
; TITLE OF INVENTION: Markers for Detection of Chromosome 16
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
; STREET: P.O. Box 828
; CITY: Bloomfield Hills
; STATE: MI

```

COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,923A
FILING DATE: No. 5869611member 1, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36683
REFERENCE/DOCKET NUMBER: 2115-00869DVC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 816 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-742-923A-6

Query Match 15.6%; Score 168; DB 2; Length 816;
Best Local Similarity 24.2%; Pred. No. 2e-06;
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAEENVLDLAEFLKNEIDSVKAOISOK-----DREKRDQAIIIDTLRDLEE 58
DB 566 DLMLQEDLAAEARKQADLEKEBELAELASSLGRNALODEKRRLEARIQAOLEELEE 625
QY 59 RNATVESLONLANK-----AEMLC-----STLKKOMKFLBRODETKQAREEAHRL--- 104
DB 626 EOGNNEASDVRKATQQAOLSNELATERSTAOKNESARQOLERQNKELSKLHEMGA 685
QY 105 -KCKMK-TMEQIELLSQSEVEEMIRDMGVSAYEQALVYCVSLKKEYENLKEARKA 162
DB 686 VKSFKSTIALLEAKIAQLEQVEQEAERE--QAATSLKOKDKLKEILLQVEDERK- 741
QY 163 TGEIADRLKDLVSRSKLTINTELDOAKLE-----LSAQKDLOSAQO-----E 208
DB 742 ---MAEQYKEAEKGNARVQKLRQLEBEAEESQIRANRRKLOREIDAEATESNEAMGRE 798
QY 209 ITSLRKSDPP 220
DB 799 VNALKSKLRGPP 810

RESULT 13
US-08-533-306A-4
Sequence 4, Application US/08533306A
Patent No. 5837457
GENERAL INFORMATION:
APPLICANT: Liu, Pu
APPLICANT: Collins, Francis S.
APPLICANT: Siciliano, Michael J.
APPLICANT: Claxton, David
TITLE OF INVENTION: Markers for Detection of Chromosome 16
TITLE OF INVENTION: Rearrangements
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,306A
FILING DATE: September 25, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36683
REFERENCE/DOCKET NUMBER: 2115-00869COB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 885 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-533-306A-4

Query Match 15.6%; Score 168; DB 2; Length 885;
Best Local Similarity 24.2%; Pred. No. 2.2e-06;
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAEENVLDLAEFLKNEIDSVKAOISOK-----DREKRDQAIIIDTLRDLEE 58
DB 635 DLMLQEDLAAEARKQADLEKEBELAELASSLGRNALODEKRRLEARIQAOLEELEE 694
QY 59 RNATVESLONLANK-----AEMLC-----STLKKOMKFLBRODETKQAREEAHRL--- 104
DB 695 EOGNNEASDVRKATQQAOLSNELATERSTAOKNESARQOLERQNKELSKLHEMGA 754
QY 105 -KCKMK-TMEQIELLSQSEVEEMIRDMGVSAYEQALVYCVSLKKEYENLKEARKA 162
DB 755 VKSFKSTIALLEAKIAQLEQVEQEAERE--QAATSLKOKDKLKEILLQVEDERK- 810
QY 163 TGEIADRLKDLVSRSKLTINTELDOAKLE-----LSAQKDLOSAQO-----E 208
DB 811 ---MAEQYKEAEKGNARVQKLRQLEBEAEESQIRANRRKLOREIDAEATESNEAMGRE 867
QY 209 ITSLRKSDPP 220
DB 868 VNALKSKLRGPP 879

RESULT 14
US-08-742-923A-4
Sequence 4, Application US/08742923A
Patent No. 5869611
GENERAL INFORMATION:
APPLICANT: Liu, Pu
APPLICANT: Collins, Francis S.
APPLICANT: Siciliano, Michael J.
APPLICANT: Claxton, David
TITLE OF INVENTION: Markers for Detection of Chromosome 16
TITLE OF INVENTION: Rearrangements
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/742,923A
FILING DATE: No. 5869611ember 1, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36683
REFERENCE/DOCKET NUMBER: 2115-00869DVC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 885 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-742-923A-4

Query Match 15.6%; Score 168; DB 2; Length 885;
Best Local Similarity 24.2%; Pred. No. 2,2e-06;
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAGEENVLDAEFLKNELDYKALDSK-----DREKDSQAIIIDTLDTLEE 58
DB 635 DLMQLEDLAAERAKQADLEKELELASLSGRNALODEKRELRARIAQLEEELEE 694
QY 59 RNATVESKONLNLK-----AEMLC-----STLKKOMKFLGRODETKQAREBAHRL--- 104
DB 695 EOGNNEMSDVRKRTQQAEOQLSNELATERSTAKNESARQOLEKONKELSKLHEMGA 754
QY 105 -KCKMK-TMEQIELLOSORSEVEEMIDMGVGSABQALAVCYSLKKEYENLKARKA 162
DB 755 VKSKFKSTIALAKIAQLEQVEQEARERK---QAATSLKQKDKKLEILLQVEDERK- 810
QY 163 TGEIADRLKKDLVSSRKLTINTELDQAKLE-----LSAQKDSQAQ-----E 208
DB 811 --MAEQREQAENKGNARVKKQLKRLAEAEESORINANRRKLQRELDATESNEAMGRE 867
QY 209 ITSRLKKSDDPP 220
DB 868 VNALSKSLRGP 879

RESULT 15
US-08-095-737-2
Sequence 2, Application US/08095737
Patent No. 5487979
GENERAL INFORMATION:
APPLICANT: DiFiore, Pier P
APPLICANT: Fazioli, Francesca
TITLE OF INVENTION: A Substrate for the Epidermal Growth
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: California
COUNTRY: United States of America
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,737
FILING DATE: 19930722
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Israelson, Ned A
REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER: NIH060,001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 896 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-095-737-2

Query Match 14.3%; Score 154; DB 1; Length 896;
Best Local Similarity 22.6%; Pred. No. 3,3e-05;
Matches 53; Conservative 42; Mismatches 60; Indels 80; Gaps 7;

QY 10 DLAGEENVLD---AEFLK-NELDSYKALDSKREKDSQAIIIDTLDTLEERNATIVE 64
DB 312 DRASLQKNIISSPVADFSAIKEIDTLNNEIYDLOREKNNVEQDLKEXEDTIKQRTSEVQ 371
QY 65 SLQNALNKAEMLCSLKKOMKFLGRODETKQAREBAHRLCKKMTMQIELLOSORSE 124
DB 372 DLQDEV-----QRENTNLQK-----LQADKQ 393
QY 125 VEEMIRDMGVGSABQALAVCYSLKKEYENLKARKATGE---LADRLKKDLVSSRKL 181
DB 394 VOELDELDEBQAKLE-----EOLKEVRKKCAEAQILSSKLKELTSGESQI 440
QY 182 KTLNTELDQA-----KLEIRSAQKDLQSANDEITSRLK 215
DB 441 STYEBELAKAREELSRLQOETALEESVSGKALEPLQOHLDOSQOEISSMQK 495

RESULT 16
US-08-480-145-2
Sequence 2, Application US/08480145
Patent No. 5717067
GENERAL INFORMATION:
APPLICANT: DiFiore, Pier P
APPLICANT: Fazioli, Francesca
TITLE OF INVENTION: A Substrate for the Epidermal Growth
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: California
COUNTRY: United States of America
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,145
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,737
FILING DATE: 22-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelson, Ned A
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH060,001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 896 amino acids

Db 5 LSEKEDVCKTVEFLNEKLEKREAOQLSLSKKALLEEAFDNLKDMFVRKESSISSILK 64
Qy 68 N-----ALNKAMLC---STLKOKM-----FLEODDETKQARE 99
Db 65 DEFQRIAEAKKQVOLACKERDAKKEIKNIKELATPLNSSETADLKEKDEQIRGLME 124
Qy 100 EAHRLCKMKTMEQIETLLQSORSEVEEMIRDMGVGOSAVEQLAVYCVSLKKEYENLKEA 159
Db 125 EGEKLSKQOQLNSNIIKRLAKDKENENMVAKL---NKKVLEEEELQHLKQVLDGKREY 181
Qy 160 RKATGELADRLKDKVSSRSKLTINTELDOAKLELSAQKDLOSADQETISLRK 214
Db 182 EKQRENIKIKINSWVEROEKDLGRLOVDMDELEEKRSIOAALDSAYKELTDLHK 236

RESULT 19
PCT-US93-03077-1
Sequence 1, Application PC/TUS9303077
GENERAL INFORMATION:
APPLICANT: Board of Regents, The University of Texas System
APPLICANT: Gaylor, Richard B.
APPLICANT: Wu, Foon Kin
TITLE OF INVENTION: PROTEIN CELLULAR FACTOR USEFUL FOR
NUMBER OF INVENTION: REGULATING GENE EXPRESSION
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/03077
FILING DATE: 19930331
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/862.025
FILING DATE: April 2, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Kammerer, Patricia A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: UTEF270PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1540
TELEFAX: 713-749-2679
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1093 amino acids
TYPE: AMINO ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US93-03077-1

Query Match 14.2%; Score 153; DB 5; Length 1093;
Best Local Similarity 22.6%; Pred. No. 5.1e-05;
Matches 53; Conservative 49; Mismatches 99; Indels 34; Gaps 5;

Qy 11 LAQEEENVLDAEFLKNEIDSVKAOISQKDRKRSQAIIITLRTLT---EERNATVESIQ 67
Db 441 LSEKEDVCKTVEFLNEKLEKREAOQLSLSKKALLEEAFDNLKDMFVRKESSISSILK 500
Qy 68 N-----ALNKAMLC---STLKOKM-----FLEODDETKQARE 99
Db 501 DEFQRIAEAKKQVOLACKERDAKKEIKNIKELATPLNSSETADLKEKDEQIRGLME 560

Qy 100 EAHRLCKMKTMEQIETLLQSORSEVEEMIRDMGVGOSAVEQLAVYCVSLKKEYENLKEA 159
Db 561 EGEKLSKQOQLNSNIIKRLAKDKENENMVAKL---NKKVLEEEELQHLKQVLDGKREY 617
Qy 160 RKATGELADRLKDKVSSRSKLTINTELDOAKLELSAQKDLOSADQETISLRK 214
Db 618 EKQRENIKIKINSWVEROEKDLGRLOVDMDELEEKRSIOAALDSAYKELTDLHK 672

RESULT 20
US-09-085-199B-5
Sequence 5, Application US/09085199B
Patent No. 6235879
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Hackam, Abigail R.
APPLICANT: Hug, A.H.M. Mahabul
APPLICANT: Chopra, Vikramjit Singh
APPLICANT: Kachman, Michael
TITLE OF INVENTION: Apoptosis Modulators That Interact with the
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: PO Box 5270
CITY: Frisco
STATE: CO
COUNTRY: USA
ZIP: 80443-5270
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS DOS 5.0
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085.199B
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32038
REFERENCE/DOCKET NUMBER: UBC.P-013052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (970) 668-2050
TELEFAX: (970) 668-2052
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1090
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: no
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: Huntington-interacting protein
US-09-085-199B-5

Query Match 14.1%; Score 151.5; DB 4; Length 1090;
Best Local Similarity 25.1%; Pred. No. 6.8e-05;
Matches 61; Conservative 56; Mismatches 95; Indels 31; Gaps 10;

Qy 4 INKLEFDIAQ---EENVLDAEFLKNEIDSVKAOISQKDRKRSQAIIITLRTLTLEER 59
Db 462 VSELEADLAEQOHLQOQAADCEFLRAELDELRRQREDTEKRAOR-SLSEIERKAQANOR 520
Qy 60 NATVESLONAL--NKAEMLC---STLKOKMKTLEQRO---DETQAREAHRL--KCKMK 109
Db 531 YSKLEKYSSELVONHADLRLKNAEYTKOVSMARQAVULEKEKLEDSLERISQOGORK 580
Qy 110 TMEQIETLLQSORSEVEEMIRDMGVGOSAVE-----QLAVYCVSLKKEYENLKEARKA 162

Db 581 TQBLE-VLESKQELATSOELOVLOGSLETSQSEANNAEFAELEKERDSLVSGAH 639
QY 163 TGEIADLRKDIYSSRSKLTINTEL-----DQAKLEIRSAQKLOSDADEITSLRKSD 217
Db 640 REEELSLRKELODTQTLKLAESTESMCQAKDQKMLVSGR---AAQVYIDALNQL 696
QY 218 DPP 220
Db 697 EPP 699

RESULT 21

US-09-085-199B-4
; Sequence 4, Application US/09085199B
; Patent No. 6235879
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Hackam, Adigail
; APPLICANT: Hug, A.H.M. Mahbulul
; APPLICANT: Chopra, Vikramjit Singh
; APPLICANT: Kachman, Michael
; TITLE OF INVENTION: Apoptosis Modulators That Interact with the
; TITLE OF INVENTION: Huntington's Disease Gene
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: PO Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: USA
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS DOS 5.0
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/085,199B
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32038
; REFERENCE/DOCKET NUMBER: UBC.P-013052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2050
; TELEFAX: (970) 668-2052
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 914
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE: Huntington-interacting protein
US-09-085-199B-4

Query Match 14.0%; Score 150.5; DB 4; Length 914;
Best Local Similarity 25.1%; Pred. No. 6.7e-05;
Matches 61; Conservative 56; Mismatches 95; Indels 31; Gaps 10;

QY 4 INKLFPLDAGE---EENVDAEFLKLNELSVKAQLSQKREKRDQAIIIDTLRDITLER 59
Db 286 VSELEADLAEOQHRLQQAADCEFLRAELDELRRQREDETEAQR-SLEISIRKKAQANQR 344
QY 60 NATVEISQNAL--NKAEML--CSTLKQOMKFLERQ---DETQOAREEHL--KCKMK 109
Db 345 YSKLEKYSVLQNHADLLRKNNAETKOVSMARQAOYDLEREKKELEDSLERISDOGOR 404

QY 110 TMEQIELLOSRESEVEEMIRMGVQSAVE-----QLAVYCVSLKKEYNLEKARKA 162
Db 405 TQBLE-VLESKQELGTSQRELOVLOGSLETSQSEANNAEFAELEKERDSLVSGAH 463
QY 163 TGEIADLRKDIYSSRSKLTINTEL-----DQAKLEIRSAQKLOSDADEITSLRKSD 217
Db 464 REEELSLRKELODTQTLKLAESTESMCQAKDQKMLVSGR---AAQVYIDALNQL 520
QY 218 DPP 220
Db 521 EPP 523

RESULT 22

US-09-104-324B-4
; Sequence 4, Application US/09104324B
; Patent No. 6232460
; GENERAL INFORMATION:
; APPLICANT: T rec1, Ozlem; Sahin, Ugur; Pfrendschuh, Michael
; TITLE OF INVENTION: Methods For diagnosis And Treating Cancers,
; TITLE OF INVENTION: And Methods For Identifying Pathogenic Markers In A Sample
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski LLP
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 144 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/104,324B
; FILING DATE: 25-June-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/892,702
; FILING DATE: 15-July-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6232460man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5491
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 318-3000
; TELEFAX: (212) 752-5958
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 976 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-09-104-324B-4

Query Match 14.0%; Score 150; DB 4; Length 976;
Best Local Similarity 26.2%; Pred. No. 7.9e-05;
Matches 59; Conservative 52; Mismatches 86; Indels 28; Gaps 9;

QY 10 DLAQEEENVDAEFLKN-ELDSVKAQLSQKDR-KRDSQAIIIDTLRDITLERNAVVESTQ 67
Db 501 DLKTELEN---EKIKNTLETSKCKLSLENKELTQETSDMTLELKNOQEDINNNKQEE 556
QY 68 NALNKAEMLCSTLKQOMKFLERQDETKOAREEHLKCKKMTWQ---TELLQSQRS 123
Db 557 RMLQIENILQETQRLNELEYVREBELKQRDE---VCKLQKSPENCNNLRKQYENKKN 613
QY 124 EYEEK-----IRMGVQSAVEQLAVYCVSLKKEYNLEKARKATGELADRLKDLVSS 177
Db 614 YIEELQENKALKRKGTAES--KQNLNVEIKVNNLELELESQKQKFGFETDTYQKEIEDK 671
QY 178 RSKLTINTELDQAKL---ELRSAQKDLQSDQ---EITSLRK 215

Db 672 KISENLLSEVEKAKYIADAVKLOKEIDRCQHKIAEKVALLMEK 716

RESULT 23

US-08-795-475-6
Sequence 6, Application US/08795475
Patent No. 5965390
GENERAL INFORMATION:
APPLICANT: Bjvick, Lars
APPLICANT: Stjvring, Ulf
TITLE OF INVENTION: PROTEIN L AND HYBRID PROTEINS THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,475
FILING DATE: 11-FEB-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 100084.40201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 662-6031
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 443 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-475-6

Query Match 13.6% Score 146.5; DB 2; Length 443;
Best Local Similarity 23.3% Pred. No. 6e-05; Mismatches 105; Indels 13; Gaps 5;
Matches 51; Conservative 50;

QY 9 FDLAQEEENVLDLAEFLKNEIDSVKALQSQK-DREKRDSQAIIDTLRLDLEERNATVESIQ 67
Db 78 YDLAKESYTS-WDRQRLKELEKEKALBLAIDQASRDYHR-ATALEKELEKKKALBLAI 135
QY 68 NALNKAEMLCSTLKKQKMFLEQRQDETQKAREAHRLCKKMTMEQITELLQDSQSEVVE 127
Db 136 DQASQDYNAVRAVLEKELETTIREQEIINNLLGNA-KLELDQSSSEKEDQITTEKALEEEK 194
QY 128 MI-----RDMGVGQSAVEQOLAVVCSLKKKEYENLKEARKATGELADRLKDLVSR 178
Db 195 QISDASRSLRDLSDASAEAKQVEKDLANTLAELDKYKEDKQISDASRQLRLRDLASR 254
QY 179 SKLTNTELDQAKLELRSAGKDLQASADQETISLKKSD 217
Db 255 EAKQVEKDLANTLAELDKVKEEKQISDASRQLRLRDL 293

RESULT 24
US-09-310-187A-1
Sequence 1, Application US/09310187A
Patent No. 6358751
GENERAL INFORMATION:
APPLICANT: Benichou, Gilles
APPLICANT: Fedoseyeva, Eugenia

TITLE OF INVENTION: Involvement of Autoantigens in Cardiac
TITLE OF INVENTION: Grace Rejection
FILE REFERENCE: UCSF-090
CURRENT APPLICATION NUMBER: US/09/310,187A
CURRENT FILING DATE: 1999-05-12
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1939
TYPE: PRT
ORGANISM: Homo sapiens
US-09-310-187A-1

Query Match 13.6% Score 146; DB 4; Length 1939;
Best Local Similarity 20.8% Pred. No. 0.00039;
Matches 59; Conservative 56; Mismatches 76; Indels 92; Gaps 11;

QY 11 LAQEEENVLDLAEFLKNEIDS-VKALQSQKRE---KRDQAIIDTLRLDTLE---ERNA 61
Db 1553 LEHEGKILRAQLFEPNQIAETIERKLAKEDEMEQAKRNHGQVYDLSQTSIDAETRSRNE 1612
QY 62 TV---ESQLNALNKAEM-----LCSTLKKQKMFLEQRQDETQKAREAHRLCKK-- 109
Db 1613 VLRYKKMEGDLNEMEIQLSHANRNAABQKQVKSLSLKDPTQILDVAVARANDLKEN 1672
QY 110 -----TMOIEEL----- 117
Db 1673 IAIVERRNNLQALEELRAVVEQTERSRLAEOELIETSERVQLLHSONSLINQKKM 1732
QY 118 ---LQSORSEVEEMIRDM---GVGQSAVEQOLAVVCSLKKKEYENLKEARKATGELADRL 170
Db 1733 ESDLTLQDSEVEAVQECRNMEKAKKAITDAAMVAEELKKED-----TSAHLBRM 1784
QY 171 KKDLYSSRSKLTNTELDQA-KLELRSAGKDLQASADQETISL 212
Db 1785 KKM---EQTIKDLQHRIDAEQIALKGKKQLQKLEARVREL 1824

RESULT 25
US-08-466-390-4
Sequence 4, Application US/08466390
Patent No. 5686562
GENERAL INFORMATION:
APPLICANT: TONKATLY, GARY
APPLICANT: LIDARD, GARY P
TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE
TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: 125 HIGH STREET
CITY: BOSTON
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,390
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMOND R
REGISTRATION NUMBER: 27,829
REFERENCE/DOCKET NUMBER: MTP-013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 2101 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
us-08-466-390-4

Query Match 13.4%; Score 144; DB 1; Length 2101;
Best Local Similarity 23.6%; Pred. No. 0.00064;
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAFLKNEIDSVKQL--SQKDRKDSQAIIDTLRDTLE-----ERNATVE--- 64
DB 973 EAQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQADLALEKAAAELEM 1032
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRDETKQAREBAHRLKCKMTMEQIELLQSORS 123
DB 1033 RLQNALNEQVREFATLQELAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092
QY 124 EYEMIRDMGVGSA-----VEQLAVYCVSLKKEYENLKEARKATGELADRLKQDVS 176
DB 1093 QLAKKKEHAGSGAQSEAGRTPEGPKLALRAEVSKLEQCCQKQOQEQADSLERSLEA 1152
QY 177 SR-----SKLTNLTLDQAKLELRSQKQDQSDQDQETTSRKSSD 218
DB 1153 ERASRAERDSALFTLQGLQLEKQAEIGHSGSALASQRELAFRTKYQD 1201

RESULT 26

US-08-470-950-4
; Sequence 4, Application US/08470950
; Patent No. 5698439
; GENERAL INFORMATION:
; APPLICANT: TOUKATLY, GARY
; APPLICANT: LIDGARD, GRAHAM P
; TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE
; TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: 125 HIGH STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,950
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ, EDMUND R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MTP-013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2101 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
us-08-470-950-4

Query Match 13.4%; Score 144; DB 1; Length 2101;
Best Local Similarity 23.6%; Pred. No. 0.00064;

Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAFLKNEIDSVKQL--SQKDRKDSQAIIDTLRDTLE-----ERNATVE--- 64
DB 973 EAQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQADLALEKAAAELEM 1032
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRDETKQAREBAHRLKCKMTMEQIELLQSORS 123
DB 1033 RLQNALNEQVREFATLQELAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092
QY 124 EYEMIRDMGVGSA-----VEQLAVYCVSLKKEYENLKEARKATGELADRLKQDVS 176
DB 1093 QLAKKKEHAGSGAQSEAGRTPEGPKLALRAEVSKLEQCCQKQOQEQADSLERSLEA 1152
QY 177 SR-----SKLTNLTLDQAKLELRSQKQDQSDQDQETTSRKSSD 218
DB 1153 ERASRAERDSALFTLQGLQLEKQAEIGHSGSALASQRELAFRTKYQD 1201

RESULT 27

US-08-467-781-4
; Sequence 4, Application US/08467781
; Patent No. 5780596
; GENERAL INFORMATION:
; APPLICANT: TOUKATLY, GARY
; APPLICANT: LIDGARD, GRAHAM P
; TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE
; TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
; STREET: 125 HIGH STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,781
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ, EDMUND R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MTP-013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2101 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
us-08-467-781-4

Query Match 13.4%; Score 144; DB 1; Length 2101;
Best Local Similarity 23.6%; Pred. No. 0.00064;
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAFLKNEIDSVKQL--SQKDRKDSQAIIDTLRDTLE-----ERNATVE--- 64
DB 973 EAQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQADLALEKAAAELEM 1032
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRDETKQAREBAHRLKCKMTMEQIELLQSORS 123
DB 1033 RLQNALNEQVREFATLQELAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092

```

OY 124 EEEHETIRMGQSA-----VEOLAVYCVSLKTEYENIKERKRTGTALRIKLDVS 176
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1093 QLAKEKEHSGSQAQSEAGRTPEPTGPKALRAEVSILTEGOCQQAQADSLERSLA 1155
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
OY 177 SR-----STKLRTLNEIDQAKLELSAQKDSQSDQDETSLRKSSD 218
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1153 ERASRAEDSALETLOGOLEKAEQJGHSOSALASQRELAARIVQD 1201
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :

```

RESULT 28
US-08-195-487-4
; Sequence 4, Application US/08195487

```

1      RESULT 28
2      US-08-195-487-4
3      Sequence 4, Application US/08195487
4      Patent No. 5783403
5      GENERAL INFORMATION:
6      APPLICANT: TOKURATY, GARY
7      APPLICANT: LIDGARD, GRAHAM P
8      TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE
9      TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX
10     NUMBER OF SEQUENCES: 6
11     CORRESPONDENCE ADDRESS:
12     ADDRESSEE: TESTA HURWITZ & THIBEAULT
13     STREET: 53 STATE STREET
14     CITY: BOSTON
15     STATE: MA
16     COUNTRY: USA
17     ZIP: 02109
18     COMPUTER READABLE FORM:
19     MEDIUM TYPE: Floppy disk
20     COMPUTER: IBM PC compatible
21     OPERATING SYSTEM: PC-DOS/MS-DOS
22     SOFTWARE: PatentIn Release #1.0, Version #1.25
23     CURRENT APPLICATION DATA:
24     APPLICATION NUMBER: US/08/195,487
25     FILING DATE:
26     CLASSIFICATION: 435
27     PRIOR APPLICATION DATA:
28     APPLICATION NUMBER: US/07/901,701
29     FILING DATE:
30     ATTORNEY/AGENT INFORMATION:
31     NAME: PITCHER ESO, EDMUND R
32     REGISTRATION NUMBER: 27,829
33     REFERENCE/DOCKET NUMBER: MTP-013
34     TELECOMMUNICATION INFORMATION:
35     TELEPHONE: 617/248-7000
36     TELEFAX: 617/248-7100
37     INFORMATION FOR SEQ ID NO: 4:
38     SEQUENCE CHARACTERISTICS:
39     LENGTH: 2101 amino acids
40     TYPE: amino acid
41     TOPOLOGY: linear
42     MOLECULE TYPE: protein
43     US-08-195-487-4

```

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Query Match                               13.4%: Score 14; Length 2101;
Best Local Similarity                     23.6%: Pred. No. 0.00064;
Matches    54; Conservative     52; Mismatches   93; Indels      30; Gaps        6

OY    20 DAEFLKNELDYKAOL--SQKDRERDSOAIIIDLRLDLE-----ERNATVE--- 64
       :|::||:::||::||::||::||::||::||::||::||::||::||::||::||:
Db    973 EAEONGNELIERLARLAIMESOGOOGEERGQOEVRVRLTDERGRAODALIEAARALEM 1032

OY          SLONNLINKAEMLSLTKROMKF-LEORODETKQAREEAHRCLKCKMTMOIELLOSORS 123
       ||||::||::||::||::||::||::||::||::||::||::||::||::||:
Db   1033 RLQNANLNQRPEFALTQELALHAIETREKRBDQLKRLGLEANAQTKELEHLQTYAQOLE 1092

OY   124 EVEEMIRDMGVGQSA-----VEQLAVYCYSLKYEYLNKERRARTGELADLRKKDIYS 176
       ::::||::||::||::||::||::||::||::||::||::||::||::||:
Db   1093 QLAKEKEHASGSAGOSAEAGRTPEPTGPCLRIARAEVSRLGOOCQKOGRDAOLSLERSLEA 1152

OY   177 SR-----SKLTPLNTELDQAKLRLRSANRLOSGAADOITTSLRKSSD 218
       ::||::||::||::||::||::||::||::||::||::||::||::||:
Db   1153 ERASAEKDSDALETLGGQULEEKAQELGHSQSALASQAQELAAFFRKVVOD 1201

```

```

1      RESULT      29
2      US-08-483-924-4
3      ; Sequence 4, Application US/08483924
4      ; Patent No. 5882876
5      ; GENERAL INFORMATION:
6      ; APPLICANT: TOURKATLY, GARY
7      ; APPLICANT: LIDGARD, GRAHAM P
8      ; TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THER
9      ; TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX
10     ; NUMBER OF SEQUENCES: 6
11     ; CORRESPONDENCE ADDRESS:
12     ; ADDRESSEE: TESTA, HURWITZ & THIBEAULT
13     ; STREET: 125 HIGH STREET
14     ; CITY: BOSTON
15     ; STATE: MA
16     ; COUNTRY: USA
17     ; ZIP: 02110
18
19     ; COMPUTER READABLE FORM:
20     ; MEDIUM TYPE: Floppy disk
21     ; COMPUTER: IBM PC compatible
22     ; OPERATING SYSTEM: PC-DOS/MS-DOS
23     ; SOFTWARE: PatentIn Release #1.0, Version #1.25
24
25     ; CURRENT APPLICATION DATA:
26     ; APPLICATION NUMBER: US/08/483,924
27     ; FILING DATE: 07-JUN-1995
28     ; CLASSIFICATION: 435
29     ; ATTORNEY/AGENT INFORMATION:
30     ; NAME: PITCHER ESQ, EDMUND R
31     ; REGISTRATION NUMBER: 27,829
32     ; REFERENCE/DOCKET NUMBER: MTP-013
33     ; TELECOMMUNICATION INFORMATION:
34     ; TELEPHONE: (617) 248-7000
35     ; TELEFAX: (617) 248-7100
36     ; INFORMATION FOR SEQ ID NO: 4:
37     ; SEQUENCE CHARACTERISTICS:
38     ; LENGTH: 2101 amino acids
39     ; TYPE: amino acid
40     ; TOPOLOGY: linear
41
42     ; MOLECULE TYPE: protein
43
44     ; US-08-483-924-4

```

```

Query Match          13.4%  Score 144;  DB 2;  Length 2101;
Best Local Similarity 23.6%  Pred. No. 0.00064;
Matches 54;  Conservative 52;  Mismatches 93;  Indels 30;  Gaps 6;

QY      20  DAEFLKNEIDSKAQL--SQKREKRDSQAIIIDLRLDTLE-----ERNATVE--- 64
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      973  EAEQNGNELERLRALMESQGOGEERGOEREVARLTQERGRAADLAEFAAARELEM 1032
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

QY      65  SLQNALNKAEMLCSTLKQMKRF-LERODETKQAREEAHLRLCKKKMTQDQIELLOSORS 123
      |||||::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      1033  RLQNLNLEGRVEFATLQELAHALHTEKEGKDOELAKLGLNAQITKEELQTYKOLKE 1092
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

QY      124  EYEEIMIPDMGVGQSA-----VEQLAVYCVSLAKREVENLKEARKATGELADRLKKDLVS 176
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      1093  QLAKEKEHAASSGQASQSEAGRTPEPTGKRLKLRREVSKLEEQCKQKQOQADSLERSLEA 1152
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

QY      177  SR-----SKLTLNTELDQAKLELRSAQKLDQASQDQETISLARRKSD 218
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      1153  ERASRAERDQSALETLOGOLEEKAQELGHQSQSLAASQRELAFAFRKYQD 1201
      ::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

; SEQUENCE 1, Application US/09452294
; Patent No. 6287790
; GENERAL INFORMATION:
; APPLICANT: Lellievre, Sophie
; APPLICANT: Bissell, Mina
; TITLE OF INVENTION: UTILIZATION OF NUCLEAR STRUCTURAL PROTEINS FOR TARGETED

```

```
; TITLE OF INVENTION: THERAPH AND DETECTION OF PROLIFERATIVE AND
; TITLE OF INVENTION: DIFFERENTIATION DISORDERS
; FILE REFERENCE: IB-1454- Sequence Submittal
; Patent No. 6287790
; CURRENT APPLICATION NUMBER: US/09/452,294
; CURRENT FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: 60/110,420
; PRIOR FILING DATE: 1998-11-30
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2101
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-452-294-1

Query Match      13.4%; Score 144; DB 4; Length 2101;
Best Local Similarity 23.6%; Pred. No. 0.00064;
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAEFLKNEIDSVKAQL--SQDKREKRDQAIIIDTLRDITLE-----ERNATVE--- 64
DB 973 EABQMGNELELRRAALMESQGOQOERQOQERVARLTQERGRAQADLALKEKAAAELEM 1032
QY 65 SLONALNKAEMLCSTLKQMKF--LEQRODETKQAREAHRLCKMKMTQOIELLOSORS 123
DB 1033 RLONALNBOQREVFATQELALHALTEREGKQDELAKRLGLEAAQITELEROTVQOKE 1092
QY 124 EYEMIRDMGVQSA-----VEOLAVYCVSLKKEYENLKEARKATGELADRLKLDVLS 176
DB 1093 QLAKEKEHAGSGAQAAGRTPEPKLEALRAEVSKLEQCQCKQOQEQADSLERSLEA 1152
QY 177 SR-----SKTLTNTLTDQAKLELRSQKDLQSDQETTSRKSSDD 218
DB 1153 ERASRAERDSALETLQGLQLEKAQELGHSQSALASQRELAARTRYVD 1201

RESULT 31
PCT-US93-06160-4
; Sequence 4, Application PC/TUS9306160
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE
; NUMBER OF INVENTIONS: INTERIOR NUCLEAR MATRIX
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA HURWITZ & THIBEAULT
; STREET: 53 STATE STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/06160
; FILING DATE: 19930621
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ. EDMUND R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MTP-013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/248-7000
; TELEFAX: 617/248-7100
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2101 amino acids
; TYPE: amino acid
```

```
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US93-06160-4

Query Match      13.4%; Score 144; DB 5; Length 2101;
Best Local Similarity 23.6%; Pred. No. 0.00064;
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAEFLKNEIDSVKAQL--SQDKREKRDQAIIIDTLRDITLE-----ERNATVE--- 64
DB 973 EABQMGNELELRRAALMESQGOQOERQOQERVARLTQERGRAQADLALKEKAAAELEM 1032
QY 65 SLONALNKAEMLCSTLKQMKF--LEQRODETKQAREAHRLCKMKMTQOIELLOSORS 123
DB 1033 RLONALNBOQREVFATQELALHALTEREGKQDELAKRLGLEAAQITELEROTVQOKE 1092
QY 124 EYEMIRDMGVQSA-----VEOLAVYCVSLKKEYENLKEARKATGELADRLKLDVLS 176
DB 1093 QLAKEKEHAGSGAQAAGRTPEPKLEALRAEVSKLEQCQCKQOQEQADSLERSLEA 1152
QY 177 SR-----SKTLTNTLTDQAKLELRSQKDLQSDQETTSRKSSDD 218
DB 1153 ERASRAERDSALETLQGLQLEKAQELGHSQSALASQRELAARTRYVD 1201

RESULT 32
US-08-938-105-3
; Sequence 3, Application US/08938105
; Patent No. 6353151
; GENERAL INFORMATION:
; APPLICANT: Leinwand, Leslie A.
; APPLICANT: Vikstrom, Karen L.
; TITLE OF INVENTION: TRANSGENIC MODEL FOR HEART FAILURE
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross P.C.
; STREET: 1700 Lincoln St., Suite 3500
; CITY: Denver
; STATE: CO
; COUNTRY: U.S.A.
; ZIP: 80203
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/938,105
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Crook, Wanneil M.
; REGISTRATION NUMBER: 31,071
; REFERENCE/DOCKET NUMBER: 3595-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1886 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-938-105-3

Query Match      13.3%; Score 143; DB 4; Length 1886;
Best Local Similarity 23.3%; Pred. No. 0.00068;
Matches 58; Conservative 50; Mismatches 79; Indels 62; Gaps 9;

QY 6 KLEFDLAQEEENVLDAE---FLKNEIDSVKAQLSQDKREKRDQAIIIDTLRDITLEERNA 61
|| || :||:| | :||:| | :||:| | :||:| | :||:| | :||:| |
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Db 1003 KLEGLDLTQESIMDLNENKLOLEEKIKKKEFDISOONSKIEDQALALOLQKKLENOA 1062
QY 62 TVESIONALN-----KAEMLGSLTKOMKFLRODETKQAREEAKRKKKTKMEQI 114
Db 1063 RIELELELEKERTARKKVEKLNKSDLTRELEISELEAGGA-----TSYQI 1110
QY 115 ELLQSORSEVEEMIRDMGQSAVEOLAVYCVSLKREYENLKREKATGELAD---RLK 171
Db 1111 E-MNKKREAEFQKKRRDL--EATLQHEATPAALRKKHADSVAE---LGEQIDNLQRYK 1163
QY 172 KDLVSSSKLK-----TLNELDQAKLELNSAQKDLQSD 206
Db 1164 QKEKESEKFLDLDVTSHEQIILKAKANLEKVSRTLEDQANEYRVKLEBAQRSL---- 1219
QY 207 QETSLRKK 215
Db 1220 NDTTQRAK 1228

RESULT 33
US-08-685-576-4
; Sequence 4, Application US/08685576
; Patent No. 5906819
; GENERAL INFORMATION:
; APPLICANT: Kaibuchi, Kozo
; APPLICANT: Imamatsu, Akihito
; APPLICANT: Nakano, Takeshi
; APPLICANT: Ito, Masaaki
; APPLICANT: Takahashi, No. 5906819uaki
; TITLE OF INVENTION: RHO TARGET PROTEIN RHO-KINASE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/685,576
; FILING DATE: 24-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-325129
; FILING DATE: 20-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-17150
; FILING DATE: 05-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-131206
; FILING DATE: 26-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 16887/843
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1388 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-685-576-4

Query Match 13.2%; Score 142; DB 2; Length 1388;
Best Local Similarity 23.4%; Pred. No. 0.00057;
Matches 61; Conservatively 53; Mismatches 99; Indels 48; Gaps 9;

QY 1 KTIINKLFPDLQEEENV-----LDAFLKNELDVKKQOLSOKR-----E 41
Db 669 KRQLOERFTLEKESKSNMEDMTYQLVIOQSLQOE--EAHKAATKARLADKNKIYESIE 726
QY 42 KRDSQAIIDRLDTLPERNATVESIONALNKAEMLGSLTKOMKFLRODETKQAR--- 98
Db 727 EAKSEAKMEKKLLEERTLK-QKVENLLAEKRCSLDCDLQSQOKTINELLKQDVL 785
QY 99 -EBAHRLCKKMKTKMEQIELLQSORSEVEEMIRDMGQSAVEOLAVYCVSLKREYEN-- 155
Db 786 NEDVRNLTLEIEQTKRCULQNDLKMOTQVNTLKKSEKQLKQENHNLMKKNNLEKQ 845
QY 156 ---LKEARKATG---ELADRLK-----KDLVSSRSKLTUNELDQAKLELR 196
Db 846 AELRKERQDADGQMKELQDLEAQQFSTLYKTQVRELKECEKEKTRTLGKELQKKQELQ 905
QY 197 SAOKDQADQETSLRKKSD 217
Db 906 D-ERDSLAQLELTITLTKADSE 925

RESULT 34
US-09-085-199B-2
; Sequence 2, Application US/09085199B
; Patent No. 6235879
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Hackam, Adigail
; APPLICANT: Hug, A.H.M. Mahubul
; APPLICANT: Chopra, Vikramjit Singh
; APPLICANT: Kalcman, Michael
; TITLE OF INVENTION: Apoptosis Modulators That Interact with the
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenahl & Larson
; STREET: PO Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: USA
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS DOS 5.0
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/085,199B
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32038
; REFERENCE/DOCKET NUMBER: UBC.P-013052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2052
; TELEFAX: (970) 668-2052
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 386
; TYPE: amino acid
; MOLECULE TYPE: linear
; TOPOLOGY: linear
; HYPOTHETICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: Huntington-Interacting protein
; US-09-085-199B-2


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STATE: California
COUNTRY: United States of America
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,145
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,737
FILING DATE: 22-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH060.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 897 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-480-145-4
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Query Match          12.8%; Score 138; DB 1; Length 897;
Best Local Similarity 24.7%; Pred. No. 0.00073;
Matches 48; Conservative 46; Mismatches 80; Indels 20; Gaps 6;

OY 18 VLDAEFLKNEIDSVKQALSKDRKRDQAIIIDTLRDLTEERNATVDSLQNALKKAEMLC 77
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 326 VADFSAIK-ELDTLNNEIVDLQREKNNVEDLKEKEDTVKQRTSEVODLQDEVQRESINL 384
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 78 STL---KKQMKFLQRODERKQAREEAHRLCKKKTMEQITELLQSORSEVEEIRMGV 134
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 385 QKLOAQKQOVQELLGELDEQPAQLEBQLQ-EVRKCAEAO-LISSUKAET----- 433
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 135 GQSAVEOLAVYCVSLKKEYEENLKEARKATGELADRLKKDLVSSRSKLTNTLTELQAKLE 194
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 434 -TSQESQISSYEELLKARELSRLQQTALQLESVE-----SKAQLPPLQOHQLESQOE 488
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 195 LRSAQKDLQSDAQE 208
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 489 ISSQMRLMKDLE 502
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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RESULT 40
US-08-477-389-4
Sequence 4, Application US/08477389
Patent No. 5872219
GENERAL INFORMATION:
APPLICANT: DiPietro, Pier P
APPLICANT: Fazioli, Francesca
TITLE OF INVENTION: A Substrate for the Epidermal Growth
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: California
COUNTRY: United States of America
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
```

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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,389
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/095,737
FILING DATE: 22-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH060.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 897 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-477-389-4
```

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Query Match          12.8%; Score 138; DB 2; Length 897;
Best Local Similarity 24.7%; Pred. No. 0.00073;
Matches 48; Conservative 46; Mismatches 80; Indels 20; Gaps 6;

OY 18 VLDAEFLKNEIDSVKQALSKDRKRDQAIIIDTLRDLTEERNATVDSLQNALKKAEMLC 77
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 326 VADFSAIK-ELDTLNNEIVDLQREKNNVEDLKEKEDTVKQRTSEVODLQDEVQRESINL 384
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 78 STL---KKQMKFLQRODERKQAREEAHRLCKKKTMEQITELLQSORSEVEEIRMGV 134
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 385 QKLOAQKQOVQELLGELDEQPAQLEBQLQ-EVRKCAEAO-LISSUKAET----- 433
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 135 GQSAVEOLAVYCVSLKKEYEENLKEARKATGELADRLKKDLVSSRSKLTNTLTELQAKLE 194
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 434 -TSQESQISSYEELLKARELSRLQQTALQLESVE-----SKAQLPPLQOHQLESQOE 488
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 195 LRSAQKDLQSDAQE 208
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 489 ISSQMRLMKDLE 502
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Search completed: September 4, 2002, 16:11:03
Job time: 7602 sec

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